

Applicant: Izumi, et al.  
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#### **Amendments to the Claims**

This listing of claims will replace all prior versions, and listing, of claims in the application.

#### **Listing of Claims:**

1. (Previously Presented) A display device, comprising:  
  
plural display panels, adjoining display panels being connected with each other by means of a bonding agent, so as to have a single display screen,  
  
wherein at least one edge portion of an end surface of a connected part of each display panel is chamfered; and  
  
wherein after being hardened, the bonding agent has a flexural modulus of elasticity of not more than 4,000 kgf/cm<sup>2</sup>.
2. (Previously Presented) The display device as set forth in claim 1, wherein:  
  
each display panel is a liquid crystal display panel including a pair of substrates which sandwich a liquid crystal.
3. (Original) The display device as set forth in claim 2, wherein:  
  
the bonding agent is made of a material of an index of refraction substantially equal to that of said pair of substrates.

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4. (Previously Presented) The display device as set forth in claim 3, further comprising:  
a reinforcing substrate bonded to each display panel by means of the bonding agent, said reinforcing substrate having an index of refraction substantially equal to that of said pair of substrates.

5. (Previously Presented) The display device as set forth in claim 4, wherein:  
each display panel and said reinforcing substrate are sandwiched by a pair of polarization plates whose polarization axes intersect at right angles.

6. (Original) The display device as set forth in claim 5, wherein one of said pair of substrates includes:  
plural pixel electrodes placed in a matrix form,  
plural signal electrodes for supplying an image signal to each pixel electrode and plural scanning electrodes provided as an electric wiring, and  
plural active elements connected to each pixel electrode, for controlling a supply of an image signal to each pixel electrode, and  
an other of said pair of substrates includes:  
a black matrix for blocking light entering spaces between said pixel electrodes or incident on said active element,  
a color filter composed of filters in red, green and blue arranged in a prescribed pattern corresponding to respective pixel electrodes, and

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a common electrode provided opposing the pixel electrode, for applying a voltage to the liquid crystal together with said pixel electrodes.

Claims 7 - 13 (Canceled)

14. (Currently Amended) A display device, comprising:

plural display panels, adjoining display panels being connected with each other by means of a bonding agent, so as to have a single display screen,  
~~\_\_\_\_\_ said bonding agent is made of a material having an index of refraction substantially equal to that of said pair of substrates, and~~

wherein after being hardened, the bonding agent has a flexural modulus of elasticity of not more than 4,000 kgf/cm<sup>2</sup>.

15. (Original) The display device as set forth in claim 14, wherein:

each display panel is a liquid crystal display panel including a pair of substrates which sandwich a liquid crystal.

16. (Canceled)

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17. (Currently Amended) The display device as set forth in ~~claim 16~~ claim 14,  
comprising:  
a reinforcing substrate bonded to each liquid crystal display panel by means of the  
bonding agent, said reinforcing substrate having an index of refraction substantially equal to that  
of said pair of substrates.

18. (Original) the display device as set forth in claim 17, wherein:  
each liquid crystal display panel and said reinforcing substrate are sandwiched by a pair  
of polarization plates whose polarization axes intersect at right angles.

19. (Original) The display device as set forth in claim 18, wherein one of said pair of  
substrates includes:  
plural pixel electrodes placed in a matrix form,  
plural signal electrodes for supplying an image signal to each pixel electrode and plural  
scanning electrodes provided as an electric wiring, and  
plural active elements connected to each pixel electrode, for controlling a supply of an  
image signal to each pixel electrode, and  
an other of said pair of substrates includes:  
a black matrix for blocking light entering spaces between said pixel electrodes or incident  
on said active element,

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a color filter composed of filters in red, green and blue arranged in a prescribed pattern corresponding to respective pixel electrodes, and

a common electrode provided opposing the pixel electrode, for applying a voltage to the liquid crystal together with the pixel electrode.

Claims 20 - 26 (Canceled)

27. (Previously Presented) The display device as set forth in claim 46, wherein:

each display panel is a liquid crystal display panel including a pair of substrates which sandwich a liquid crystal.

28. (Original) The display device as set forth in claim 27, wherein:

said bonding agent is made of a material having an index of refraction substantially equal to that of said pair of substrates.

29. (Original) The display device as set forth in claim 28, further comprising:

a reinforcing substrate bonded to each liquid crystal display panel by means of the bonding agent, said reinforcing substrate having an index of refraction substantially equal to that of said pair of substrates.

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30. (Original) The display device as set forth in claim 29, wherein:

each liquid crystal display panel and the reinforcing substrate are sandwiched by a pair of polarization plates whose polarization axes intersect at right angles.

31. (Original) The display device as set forth in claim 30, wherein one of said pair of substrates includes:

plural pixel electrodes placed in a matrix form, plural signal electrodes for supplying an image signal to each pixel electrode and plural scanning electrodes provided as an electric wiring, and

plural active elements connected to each pixel electrode, for controlling a supply of an image signal to each pixel electrode, and

an other of said pair of substrates includes:

a black matrix for blocking light entering spaces between said pixel electrodes or incident on said active element,

a color filter composed of filters in red, green and blue arranged in a prescribed pattern corresponding to respective pixel electrodes, and

a common electrode provided opposing the pixel electrode, for applying a voltage to the liquid crystal together with said pixel electrodes.

32. (Previously Presented) The display device as set forth in claim 1, wherein:

the display panels are plasma display devices.

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33. (Previously Presented) The display device as set forth in claim 1, wherein:

the display panels are electroluminescent (EL) display devices.

34. (Previously Presented) A display device, comprising:

plural display panels, adjoining display panels being connected with each other by means of a bonding agent, so as to have a single display screen; and

wherein an end surface of a connected part of each display panel has a cut surface positioning precision of 10  $\mu\text{m}$  or less, so an interval between the adjoining display panels is set not more than 20  $\mu\text{m}$ ; and

wherein after being hardened, the bonding agent has a flexural modulus of elasticity of not more than 4,000  $\text{kgf}/\text{cm}^2$ .

35. (Canceled)

36. (Previously Presented) The display device as set forth in claim 34, wherein:

each display panel is a liquid crystal display panel including a pair of substrates which sandwich a liquid crystal.

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37. (Previously Presented) The display device as set forth in claim 36, wherein:  
  
said bonding agent is made of a material having an index of refraction substantially equal to that of said pair of substrates.

38. (Previously Presented) The display device of claim 37, further comprising:  
  
a reinforcing substrate bonded to each liquid crystal display panel by means of the bonding agent, said reinforcing substrate having an index of refraction substantially equal to that of said pair of substrates.

39. (Previously Presented) The display device as set forth in claim 38, wherein:  
  
each liquid crystal display panel and said reinforcing substrate are sandwiched by a pair of polarization plates whose polarization axes intersect at right angles.

40. (Previously Presented) The display device as set forth in claim 39, wherein:  
  
one of said pair of substrates includes:

plural pixel electrodes placed in a matrix form,  
  
plural signal electrodes for supplying an image signal to each pixel electrode and  
  
plural scanning electrodes provided as an electric wiring, and  
  
plural active elements connected to each pixel electrode, for controlling a supply of an image signal to each pixel electrode; and

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another of said pair of substrates includes:

a black matrix for blocking light entering spaces between said pixel electrodes or incident on said active element,

a color filter composed of filters in red, green and blue arranged in a prescribed pattern corresponding to respective pixel electrodes, and

a common electrode provided opposing the pixel electrode, for applying a voltage to the liquid crystal together with said pixel electrodes.

41. (Previously Presented) The display device as set forth in claim 18, wherein each of the pair of polarization plates is provided so as to cover substantially an entire surface of the single display screen constituted by the plural display panels.

42. (Previously Presented) The display device as set forth in claim 31, wherein each of the pair of polarization plates is provided so as to cover substantially an entire surface of the single display screen constituted by the plural display panels.

43. (Previously Presented) The display device as set forth in claim 14, wherein the maximum value of internal stress generated in the hardened bonding agent is not more than the intermolecular bond strength when an interval between the adjoining display panels is 50  $\mu\text{m}$  or less.

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44. (Previously Presented) A display device including:  
a first display panel having a first end surface;  
a second display panel having a second end surface, the second end surface being  
connected to the first end surface by means of a bonding agent; and  
wherein the first and second end surfaces have at least one edge having a circular arc  
shape; and  
wherein after being hardened, the bonding agent has a flexural modulus of elasticity of  
not more than 4,000 kgf/cm<sup>2</sup>.

45. (Canceled)

46. (Previously Presented) A display device, comprising:  
plural display panels, adjoining display panels being connected with each other by means  
of a bonding agent, so as to have a single display screen,  
wherein an end surface of a connected part of each display panel has a cut surface  
positioning precision of not more than 10  $\mu$ m; and  
wherein after being hardened, the bonding agent has a flexural modulus of elasticity of  
not more than 4,000 kgf/cm<sup>2</sup>.

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